

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match.
The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.
Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

12.27 TtB Policy

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Hand Processed Changes

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Approved: _____ ***Signature on File*** _____
Collider-Accelerator Department Chairman Date

M. Wiplich

12.27 TtB Policy

1. Purpose

The purpose of this procedure is to define the policy of the TVDG when conducting TtB Operations.

2. Responsibilities

It is the responsibility of the person or persons executing this procedure to observe all safety rules.

3. Prerequisites

The person or persons executing this procedure shall have all formal training required of a TVDG Operator.

4. Precautions

4.1 No beam of mass 12 or under is permitted in the TtB Beam Line, unless approved by appropriate C-A Department and Laboratory Safety Committees.

5. Procedure

5.1 AGS beam requests are generated by the C-A Scheduling Physicist. For the purpose of satisfying these requests, the Operations Coordinator shall consult with the Tandem Van DeGraaff (TVDG) Operations Supervisor as to the necessary beam characteristics prior to Heavy Ion delivery to the AGS or to the Booster.

5.1.1 No Beam of Mass 12 or under is permitted in the TtB Beam Line unless approved by appropriate C-A Department and Laboratory Safety Committees.

5.2 The TVDG Operations Group will be responsible for the delivery of beam to the end of Section 27 for Booster injection.

5.2.1 During "production" runs for AGS/RHIC, TVDG Operators may NOT tune beamline elements from the start of TtB through Section 2.7 without the consent of the Operations Coordinator.

5.3 Upon the request of the Operations Coordinator, TVDG Operations personnel may assist the C-A MCR personnel in the tuning and/or improvement of transmission of beam beyond the above-mentioned points.

- 5.4 TVDG Operations personnel shall support MCR personnel and/or any Systems Experts if assistance in troubleshooting or repair of TtB systems is required to restore or maintain routine TtB operations.
- 5.5 Communication between the TVDG Operations Group and C-A MCR personnel shall remain continuous and unimpeded from setup through completion of each TtB run.
- 5.6 Access to the TtB Tunnel is, at all times, under the control of the TVDG Operations Group.

6. Documentation

None

7. References

None

8. Attachments

None